

ABSTRACT OF THE DISCLOSURE

A method of joining a ceramic matrix composite rocket nozzle to a metal manifold is provided, wherein a silicon nitride insert is disposed inside the ceramic matrix composite rocket nozzle and the metal manifold to provide a joint therebetween. The silicon nitride insert is preferably co-processed with the ceramic matrix composite rocket nozzle such that the ceramic matrix provides a bond between the rocket nozzle and the insert. The metal manifold is then secured to the silicon nitride insert, preferably using brazing, to form a joint assembly.

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